

#4

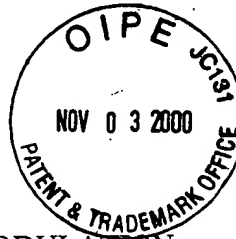
**PATENT**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Koichi Tamura

**Serial No.:** 09/510,861

**Filed:** February 23, 2000

**For:** DEMODULATION AND MODULATION  
CIRCUIT AND DEMODULATION AND  
MODULATION METHOD



**Examiner:** Unassigned

**Art Unit:** 2734

**Docket:** 13392

**Dated:** November 1, 2000

Assistant Commissioner for Patents  
Washington, D.C. 20231

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**NOV 07 2000**

**Technology Center 2600**

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

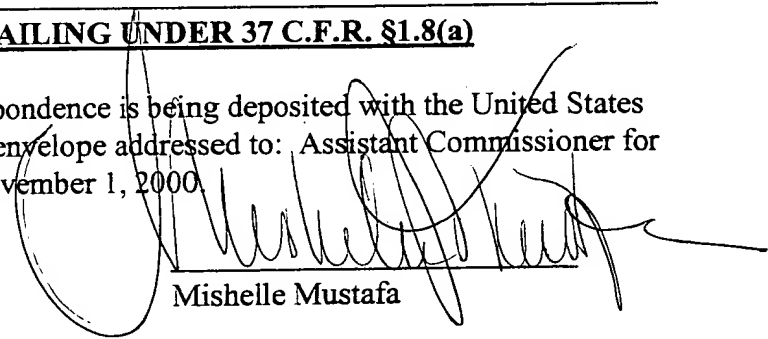
1. European Patent Application No. EP 0 716 520 A1, dated June 6, 1996.
2. European Patent Application No. 0 606 163 A2, dated July 13, 1994.
3. U.S. Patent No. 5, 809,009, dated September 15, 1998.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on November 1, 2000.

Dated: November 1, 2000

  
Mishelle Mustafa

4. U.S. Patent No. 5,343,498, dated August 30, 1994.
5. U.S. Patent No. 4,527,278, dated July 2, 1985.
6. U.S. Patent No. 5,144,256, dated September 1, 1992.

The references were cited in a Search Report received from the British Patent Office. Applicant is submitting copies of the above-cited references, along with a copy of the Search Report. The relevance of the above-identified references has been described in the Search Report.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no petition, certification or fee is required.

Respectfully submitted,



Paul J. Esatto, Jr.  
Registration No. 30,749

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PJE:am

2631 2734

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
13392

In Re Application Of: **Koichi Tamura**

#3

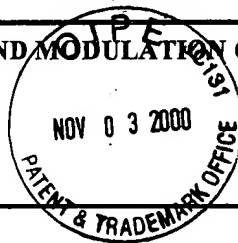
Serial No.  
09/510,861

Filing Date  
February 23, 2000

Examiner  
Unassigned

Group Art Unit  
2734

Title: **DEMODULATION AND MODULATION CIRCUIT AND DEMODULATION AND MODULATION METHOD**



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**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
  2. a Notice of Allowance under 37 CFR 1.311,
- whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

**OR**

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
13392

In Re Application Of: **Kaichi Tamura**

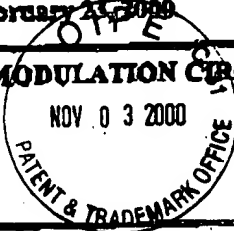
Serial No.  
09/510,861

Filing Date  
February 21, 2000

Examiner  
Unassigned

Group Art Unit  
2734

Title: **DEMODULATION AND MODULATION CIRCUIT AND DEMODULATION AND MODULATION METHOD**



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**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(b))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 19-1013/SSMP as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
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Michelle Mustafa	
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\*This certificate may only be used if paying by deposit account.

Dated: November 1, 2000

Signature  
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